

~~S E C R E T~~

9 - 15 March 1986

OC-PBS

1. A briefing package was prepared for the Deputy Director of Communications' use in briefing a staff officer from the Senate Select Committee on Intelligence regarding the Office of Communications' (OC) FY-87 budget. Written responses were also provided to questions concerning "pay banding" and the communications security (ComSec) portion of the budget.

25X1

OC-CS

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2. Dockets have been prepared and submitted to the Agency Contract Review Board requesting authorization to proceed with: (a) a formal request for proposal, evaluation, negotiation and award of a contract to facilitate the upgrade of the TERP-II terminals; and (b) an Engineering Change Proposal for a New Secure Riser and Line and Circuit Administration Center to the Intra-Building Communications Segment of the New Building Communications Program.

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OC-CS (Continued)

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4. A contract has been awarded [redacted]

[redacted] for the maintenance of all Agency-owned CP 9000 II Communications Processors delivered in support of the MERCURY Project. The initial period of performance will cover the remainder of FY-86, with options for performance through FY-89.

OC-MPS

1. In an effort to tie the various aspects of Presidential Directives, Executive Orders and National Security Decision Directives (NSDD) together, we are reviewing this material from the perspective of survivability, interoperability, security and funding. Results of the initial effort were provided to the Chief of Operations, OC (C/OC-OPS), for use in briefing the Deputy Director for Administration.

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2. The OC-Management and Plans Staff has been asked to explore the feasibility of developing an OC museum of telecommunications equipment previously used in the network. The display area will depend on salvage success but [redacted] is an obvious choice. Assistance in locating vintage equipment has been requested from the five OC Area Headquarters as well as selected domestic facilities. Previous contractors may also be a source of equipment no longer in the inventory. Suggestions, advice or assistance regarding this project is welcome.

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3. [redacted] detailees to the National Communications System, attended a briefing on 13 March on the Federal Emergency Management Agency, National Network Operation Center. The briefing was held at the National Coordinating Center, Crisis Control Center.

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OC-MPS (Continued)

4. Liaison Activities:

25X1 a. [] met with representatives of the Directorate of Intelligence (DI) and Office of Information Technology (OIT) to discuss the DI's FY88-92 New Communications Services. Approximately 30 FY88-92 and near-term requirements were identified.

25X1 b. [] arranged a tour/briefing of the American Telephone and Telegraph (AT&T). Facility Management and Administrative Center (FMAC) [] on 25X1 13 March for 18 OC and OIT personnel. The FMAC is one of seven AT&T hardened facilities which monitors circuitry in five states: Pennsylvania, Maryland, Virginia, West Virginia and Delaware. We also had the opportunity to view the recently installed Defense Commercial Telephone Network which became fully operational on 10 March.

25X1 OC-AMD

1. The proposal to convert OC Electronic Technicians to the Banded Pay Schedule on 16 March has been approved by the Deputy Director of Central Intelligence. OC Electronic Technicians will be notified of their position within the pay system under separate correspondence. Three hundred Personnel Actions were completed for the Banding conversion exercise.

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OC-AMD (Continued)

2. Responses to advertisements placed in Anchorage, Alaska for the planned 14 April recruitment trip resulted in 40 applicants for three OC disciplines. Responses from Fairbanks and Juneau, however, were poor, with only eight resumes received from Fairbanks and two from Juneau. Due to these low numbers, Chief, Recruitment Section (RS) contacted the Special Assistant to the Deputy Director of Personnel for Recruitment and Placement, and received authorization for the ten applicants from Fairbanks and Juneau to travel to Anchorage at Agency expense for the OC presentation, testing and interviewing, at a cost savings of more than \$11,000.

25X1

4. The first dual employee couple has successfully passed initial applicant screening (polygraph, medical and cover) and signed contracts for the LONGHORN Program. Both were former U.S. Air Force Morse System Operators and qualify for Panel D employment. Their assignment to the [redacted] training facility presented several challenges to the RS since they have two small children, ages two and three. The couple will each receive \$7.50 per day, in lieu of quarters on campus and they will receive the usual meal tickets so they can have meals on campus if they desire. We also identified several child-care facilities that the couple may use.

25X1

5. The Agency's Top Secret Control Officer conducted an audit of OC Top Secret documents on 13 January. Documents chosen for audit were randomly selected from an inventory listing produced from the automated control system. The documents selected were found to be properly filed in the Information Services Center and in view of the successful audit, no recommendations were made.

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6. [redacted] Disbursing Officer, is being reassigned to the Office of the Director of Central

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OC-AMD (Continued)

25X1 Intelligence effective 24 March. She is being replaced by
25X1 [redacted] who worked in the Compensation Division,
Office of Finance.

[redacted]

8. Basic Telecommunications Class 2-86 commenced their formal OPS-101 training on 10 March. The class of eight students, one of whom is a OC-Communications Security Division (OC-CSD) staff employee, is scheduled to graduate on 8 August.

25X1 9. [redacted] Office of Medical Service, Safety
25X1 Division, attended the Basic Operations Training Department's
class on antennas and propagation from 10-14 March. [redacted]
is focusing on antenna safety as it is currently being taught
in the Basic Telecommunications Course at the Communications
School. He is also developing information on common fears
and misconceptions concerning radiation hazards which will
be incorporated into the lesson plan.

[redacted]

25X1 11. The computer-based training Time Division Multiple
Access (TDMA) maintenance and operation course, contracted
25X1 to [redacted], has completed the
second contract milestone. On 10 March, an OC-CSD representative
reviewed all of the video footage and approved the video release
25X1 [redacted] Video footage will be edited and developed into a single
master tape and then will receive a final review on 17 March at
the School.

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OC-CSD

25X1 1. [] departed for his assignment in the OC-Administrative Management Division. He contributed greatly to OC-CSD's mission and we hate to lose his services. We wish him well in his new job.

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3. ComSec representatives from OC-CSD, OIT, the Office of Technical Service and the Office of Development and Engineering (OD&E), along with Chief, Information Systems Security Division, Office of Security (OS/ISSD), attended the National Security Agency (NSA) sponsored Government Program Managers Conference held on 11 March. The theme of the conference was protection of U.S. Government contractor telecommunications with emphasis on the Commercial ComSec Endorsement Program (CCEP).

4. The third meeting of the CIA National Computer Security Center Working Group was held on 10 March. The working group addresses computer and network security issues of mutual interest to CIA and NSA. This meeting was hosted by OS/ISSD and chaired by the Special Assistant, OC-CSD.

25X1 5. Representatives of OC-CSD and OS/ISSD visited NSA on 12 March to discuss personal computer (PC) security products.

6. OC-CSD hosted a meeting with OIT and OD&E ComSec representatives on 13 March to discuss the OIT/Domestic Field Group's proposal to revise the present oversight inspection program at local contractor facilities equipped with only a KY-71. A test program encompassing eight contractor facilities has been approved and will commence circa July 1986.

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OC-CSD (Continued)

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9. [redacted] attended the 4th Annual Artificial Intelligence (AI) Symposium from 12-14 March sponsored by the U.S. Intelligence Community. Exhibits of existing AI applications as well as lectures were given by vendors at the Holiday Inn in Gaithersburg on 12 March. On 13 March, the schedule included unclassified technical papers given by Research and Development leaders in the AI field. All classified lectures and working sessions were held at NSA on 14 March. NSA, CIA, U.S. Air Force and U.S. Intelligence oriented AI activities were explained and discussed. Out of these working sessions, an AI Command, Control, Communications and Intelligence working group is being formed at the Pentagon.

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10. OC-CSD/Network Security Branch representatives, Messrs. [redacted] conducted ComSec certification testing of the [redacted] Second Phase Automated Relay Switches (SPARS I and SPARS II) and recertification of the [redacted] SPARS on 6 March and 12 March, respectively. No major anomalies were reported.

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OC-ED

1. MERCURY Program:

25X1 a. The Introduction to Packet Switching Course
 conducted [redacted]
 25X1 concluded on 11 March. Interested course participants from
 the operations elements returned [redacted] on 12 March to look
 at the Network Operator's Console in greater detail. Recommen-
 dations for course improvements from the participants will be
 implemented prior to the next scheduled running in September.
 The consensus was that this course can be compressed into one
 week.

b. Successful testing of a Data Sentry 10 Bit Error
 Rate Tester through a TIMEPLEX Packet Assembler/Disassembler and
 the packet switch at all pattern rates was accomplished at the
 test bed. The units are utilized by OC for SKYLINK and other
 data testing purposes, and testing demonstrated that they are
 also usable via the packet switch. There had been some concern
 that the burst nature of the packet switch might cause some
 problems.

25X1 c. A later version of packet switch software (Release
 25X1 3.2) for the Network Operator's Console was delivered [redacted]
 [redacted] for integration. Software updates for the Network Control
 Processor and the Packet Switch nodes are anticipated by 19 March.
 These updates are purported to correct stability problems inherent
 in the existing release.

25X1 d. The MERCURY Program Office (MPO) has commenced
 25X1 planning for definition of the packet switch database for the
 initial MERCURY network. Database planning is based on candidate
 circuits identified jointly with the operations elements and is
 anticipated to continue through 1 August 1986. The initial
 MERCURY network will interconnect Headquarters [redacted]
 [redacted] beginning in December 1986.

25X1 e. Representatives from OIT and the OD&E/Network
 Systems Engineering Group met with MPO representatives [redacted]
 on 12 March to commence informal discussions concerning interface
 of the MERCURY packet switch with the COMTEN X.25 front-end
 processor. The OIT representatives were provided a briefing on
 MERCURY status and system capabilities and were given a tour of
 the packet switch test bed.

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OC-ED (Continued)

25X1 f. The High Frequency (HF) Handler, a software module
25X1 that was developed for the MERCURY packet switching system to
25X1 permit the use of HF radio circuits within the packet network,
was successfully demonstrated at [] test bed during the
week. Extensive testing of this capability is planned for the
next several months to include tests between [] and
a yet to be determined field location over HF circuits.

25X1 2. SPARS - The SPARS Cluster installation at []
25X1 was completed on 14 March. Installation team members, []
25X1 [] will remain on-site for further SPARS
Cluster familiarization until the start of the Headquarters
Cluster installation.

25X1

25X1 5. KG-84C - A briefing is scheduled for 1100 hours on
25X1 21 March on the KG-84C and its capabilities. The briefing will
be given by [] of NSA. Those wishing to attend
should contact []

25X1 6. Systems Engineering and Technical Assistance (SETA) -
[] submitted a cost proposal
to fabricate 20 TDMA base station racks for the OC-ED/Transmission
Engineering Group under the current SETA contract. The amount of
the proposal is approximately \$88K.

25X1

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OC-ED (Continued)

potential engineering candidates for Agency employment. This type of support is most welcomed by the recruiters, provides them with updated information about technical careers within the Agency and an opportunity for students and Agency components to more closely relate to each others needs.

OC-FND

1. Agency communications support was provided to the following dignitaries during this reporting period:



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OC-FND (Continued)

25X1

11. Capitalization Program Status: PRS-6/7 TERP-IIA

25X1

Systems Operational
Installations in Progress
Equipment on Site
Equipment Being Shipped

25X1

PRS-6/7 installations are in progress

25X1

of the Communications School.

25X1

A TERP-IIA terminal installation was completed

25X1

and one is in progress

25X1

Executive Assistant, OC

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